

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A recording apparatus comprising:

a medium fixing member for fixing a recording medium to its surface;

a recorder for producing a record on said recording medium; and

an air supply for supplying air into the apparatus to build up positive pressure in its interior;

wherein at least one member of the group consisting of a dehumidifier, a humidifier, a heater and a cooler is contained within said recording apparatus so that either temperature or humidity or both are held constant in said recording apparatus; and

wherein the at least one member of the group consisting of the dehumidifier, the humidifier, the heater, and the cooler is the humidifier, and said humidifier is located in a feed path of said recording medium.

2. (Previously Presented) A recording apparatus comprising:

a medium fixing member for fixing a recording medium to its surface;

a recorder for producing a record on said recording medium; and

an air supply formed on a surface of the apparatus for supplying outside air into the apparatus to build up positive pressure in its interior;

wherein at least one member of the group consisting of a dehumidifier, a humidifier, a heater and a cooler is located upstream of an air supply port of said air supply so that either temperature or humidity or both are held constant in said recording apparatus.

3. (Canceled)

4. (Currently Amended) A recording apparatus comprising:

a medium fixing member for fixing a recording medium to its surface;

a recorder for producing a record on said recording medium;

an air supply for supplying air into the apparatus to build up positive pressure in its interior; ~~and~~

~~a humidifying chamber and a humidifying air supply for supplying air to said humidifying chamber, said humidifier performing its function by a water retaining material that is imbibed with water and which is located within said humidifying chamber or between said humidifying air supply and said humidifying chamber,~~

wherein at least one member of the group consisting of a dehumidifier, a humidifier, a heater and a cooler is contained within said recording apparatus so that either temperature or humidity or both are held constant in said recording apparatus; ~~and~~

wherein the at least one member of the group consisting of the dehumidifier, the humidifier, the heater, and the cooler is the humidifier, and said humidifier is located in a feed path of said recording medium; and

a humidifying chamber and a humidifying air supply for supplying air to said humidifying chamber, said humidifier performing its function by a water-retaining material

that is imbibed with water and which is located within said humidifying chamber or between said humidifying air supply and said humidifying chamber.

5. (Previously Presented) The recording apparatus according to claim 1, wherein said humidifier performs its function by a water-retaining roller that is brought into contact with or proximity to the feed path of the recording medium.

6. (Cancelled)

7. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 6, comprising:~~
a medium fixing member for fixing a recording medium to its surface;
a recorder for producing a record on said recording medium; and
an air supply for supplying air into the apparatus to build up positive pressure in its interior, wherein:

at least one of a humidifier and a dehumidifier is contained within said recording apparatus so that humidity can be held constant in said recording apparatus; and

~~wherein~~ the at least one of a humidifier and a dehumidifier is the humidifier, and said humidifier comprises a humidifying chamber and a humidifying air supply for supplying air to said humidifying chamber, said humidifier performing its function by a water-retaining material that is imbibed with water and which is located within said humidifying chamber or between said humidifying air supply and said humidifying chamber.

8. (Previously Presented) The recording apparatus according to claim 7, wherein said humidifier is located in a feed path of said recording medium.

9. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 6,~~ comprising:
a medium fixing member for fixing a recording medium to its surface;
a recorder for producing a record on said recording medium; and
an air supply for supplying air into the apparatus to build up positive pressure in its
interior, wherein:

at least one of a humidifier and a dehumidifier is contained within said recording
apparatus so that humidity can be held constant in said recording apparatus; and

~~wherein~~ the at least one of a humidifier and a dehumidifier is the humidifier, and said
humidifier performs its function by a water-retaining roller that is brought into contact with
or proximity to a feed path of the recording medium.

10. (Cancelled)

11. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 10,~~
comprising:

a medium fixing member for fixing a recording medium to its surface;
a recorder for producing a record on said recording medium;
an air supply for supplying air into the apparatus to build up positive pressure in its
interior;

at least one of a humidifier and dehumidifier contained within said recording
apparatus so that humidity can be held constant in said recording apparatus; and

at least one of a cooler and a heater contained within said recording apparatus so that
temperature can be held constant in the recording apparatus.

wherein the at least one of a humidifier and a dehumidifier is the humidifier, and the humidifier comprises a humidifying chamber and a humidifying air supply for supplying air to said humidifying chamber, said humidifier performing its function by a water-retaining material that is imbibed with water and which is located within said humidifying chamber or between said humidifying air supply and said humidifying chamber.

12. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 10,~~
comprising:

a medium fixing member for fixing a recording medium to its surface;

a recorder for producing a record on said recording medium;

an air supply for supplying air into the apparatus to build up positive pressure in its interior;

at least one of a humidifier and dehumidifier contained within said recording apparatus so that humidity can be held constant in said recording apparatus; and

at least one of a cooler and a heater contained within said recording apparatus so that temperature can be held constant in the recording apparatus,

wherein the at least one of a humidifier and a dehumidifier is the humidifier, and said humidifier is located in a feed path of said recording medium.

13. (Previously Presented) The recording apparatus according to claim 12, wherein said humidifier performs its function by a water-retaining roller that is brought into contact with or proximity to the feed path of the recording medium.

14. (Previously Presented) The recording apparatus according to claim 1, wherein said humidifier comprises a humidifying chamber.

15. (Previously Presented) The recording apparatus according to claim 14, further comprising a humidity sensor and a water-retaining material disposed within the humidifying chamber.

16. (Previously Presented) The recording apparatus according to claim 2, wherein the at least one member of the group consisting of the dehumidifier, the humidifier, the heater, and the cooler is the humidifier, and

wherein the humidifier is coupled to the air supply port.

17. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 6,~~
comprising:

a medium fixing member for fixing a recording medium to its surface;

a recorder for producing a record on said recording medium; and

an air supply for supplying air into the apparatus to build up positive pressure in its interior, wherein:

at least one of a humidifier and a dehumidifier is contained within said recording apparatus so that humidity can be held constant in said recording apparatus;

~~wherein~~ the at least one of a humidifier and a dehumidifier is the humidifier; and

~~wherein~~ the humidifier is coupled to an air supply port of said air supply.

18. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 6~~,
comprising:
a medium fixing member for fixing a recording medium to its surface;
a recorder for producing a record on said recording medium; and
an air supply for supplying air into the apparatus to build up positive pressure in its
interior, wherein:
at least one of a humidifier and a dehumidifier is contained within said recording
apparatus so that humidity can be held constant in said recording apparatus;
~~wherein~~ the at least one of a humidifier and a dehumidifier is the humidifier; and
~~wherein~~ the humidifier comprises a humidifying chamber.

19. (Previously Presented) The recording apparatus according to claim 18, further
comprising a humidity sensor and a water-retaining material disposed within the humidifying
chamber.

20. (Currently Amended) ~~The A~~ recording apparatus ~~according to claim 10~~,
comprising:
a medium fixing member for fixing a recording medium to its surface;
a recorder for producing a record on said recording medium;
an air supply for supplying air into the apparatus to build up positive pressure in its
interior;
at least one of a humidifier and dehumidifier contained within said recording
apparatus so that humidity can be held constant in said recording apparatus; and

at least one of a cooler and a heater contained within said recording apparatus so that temperature can be held constant in the recording apparatus, wherein

the at least one of a humidifier and a dehumidifier is the humidifier; and
~~wherein~~ the humidifier is coupled to an air supply port of said air supply.

21. (Currently Amended) The recording apparatus according to claim 4, wherein said ~~humidifier performs its function by~~ water-retaining material comprises a water-retaining roller that is brought into contact with or proximity to the feed path of the recording medium.